

DEVESH KUMAR PANDEY

SOLUTION ARCHITECT 📞 +1-630-386-3025

◦ DETAILS ◦

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◦ LINKS ◦

[My Website](#)

[Linkedin](#)

◦ SKILLS ◦

Python

Apache Spark

Amazon AWS

Kubernetes

Linux

Docker

Java

Git

Bash Scripting

SQL

👤 PROFILE

- Over 15 years of experience in Software Engineering, Development, and Customer Engagement.
- Accomplished Architect with a passion for delivering valuable Business Solutions.
- Led the Solution Design and Engineering team to setup Center of excellence practice within bank, also provided consultation to business on optimal solutions using AI products (Kore.ai and Indico Data Solutions).
- Designed and edited blueprints for IT infrastructure and networking architecture according to Enterprise Architecture Standard.
- Worked on the infrastructure planning, hardware sizing and Performance tuning.

🎓 EDUCATION

PG Diploma in Data Science, International Institute of Information Technology, Bangalore

August 2019 — July 2020

B.Tech in Electrical Engg., Govind Ballabh Pant University of Agriculture and Technology

August 1999 — June 2003

📁 WORK EXPERIENCE

Solution Architect at PNC Bank

November 2016 — Present

Building Intelligent Automation Solutions - It's a platform within PNC Bank, which comprised Business Automation, Decision Automation, Virtual Assistant (VA) and Document AI (DocAI) Solutions.

- I designed and built Decision Automation, Virtual Assistant and DocAI solutions in the bank. DocAI is built on Kubernetes.
- Worked closely with Business Analyst, Development teams and Infrastructure Specialist to deliver high availability solutions for mission-critical applications.
- Automated and implemented DevOps Pipeline based on Python models deployment which resulting significant time and cost savings.
- Worked on migrating apps from legacy infrastructure to container env.
- Worked with Security team on building Deployment Architecture to mitigate DDoS Attack on internet facing ChatBots.
- Managed installation, upgrade and deployment infrastructure projects and provided on-site direction for engineers.

ODM Solution Architect at United Airlines

March 2016 — October 2016

Pilot Pay Implementation - ODM (Operation Decision Manager) was used for decision automation. It provides ability to separate business policies from technical implementation and all the pilot pay calculations were translated into business rules.

- Provided the architecture and consultancy for designing the Decision Service framework.
- Worked on Decision Modeling and rule harvesting.
- Worked with Pilots and Business Analyst to understand the Pay Policies and Calculations.
- Developed the Business Object Model and authored rules.

Lead Platform Engineer at Deutsche Bank

March 2015 — March 2016

dbBPM Platform Engineering - dbBPM is a platform within Deutsche Bank, which included BPM, ODM and BAM Products of IBM.

- Developed BPM (IBM Business Process Management) and ODM (IBM Operational Decision Manager) Platforms and automation of the build in all the env.
- Automation of BPM, ODM and BAM (Business Activity Monitor) deployment through ant and wsadmin.
- Implementation of MDBs to integrate Solace with ODM.
- Code review for MDBs and Rules.
- Worked very closely with Development and Testing team on performance issues, upgrades, PMRs etc

Software Engineer at Tata Consultancy Services

November 2006 — March 2015

Process and Rule Management System Platform at PNC Bank - I was involved in multiple upgrades from iLog JRules V7.1 to ODM 8.0.1. This platform has gone through many migrations after IBM bought Lombardi and iLog jRules. The best part of this platform is, there are almost all kind of rules implementation been done, such as JMS based, HTDS Based, Java Web Service based etc.

- Worked on installation for all IBM ODM platforms.
- Created Jython scripts for automating Installation and configuration for BPM and ODM Product.
- Built DevOps Pipeline for BPM and ODM Solutions.
- Deployment of ruleapp and integration module in rule execution environment.

Lexmark SD Tool Development - This project involves tool development for US Client Lexmark Inc. This tool serves the purpose for providing better interaction with service desk. With the help of this tool Lexmark users can raise a work request/ incidents over IBM Sametime chat.

- Understanding the functionality of the existing Service Desk IT Systems. Designing system components in all the environments.
- Worked on building web services for backend remedy system integration.
- Estimation & Impact Analysis of creating a bot on client network. Understanding of the client driven at the IBM Sametime server environment.
- Coding and Enhancements to monitor IBM Sametime bot availability.
- Performance tuning of the Application to reduce the response time while interacting with real Incident Help desk.
- Deployment of application in secured environments.



My Substack

<https://deveshpandey.substack.com/>